

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Tuesday, January 2nd 2018
As of 0900 CST

Incidents Reported to the State Operations Center (last 24 hours)

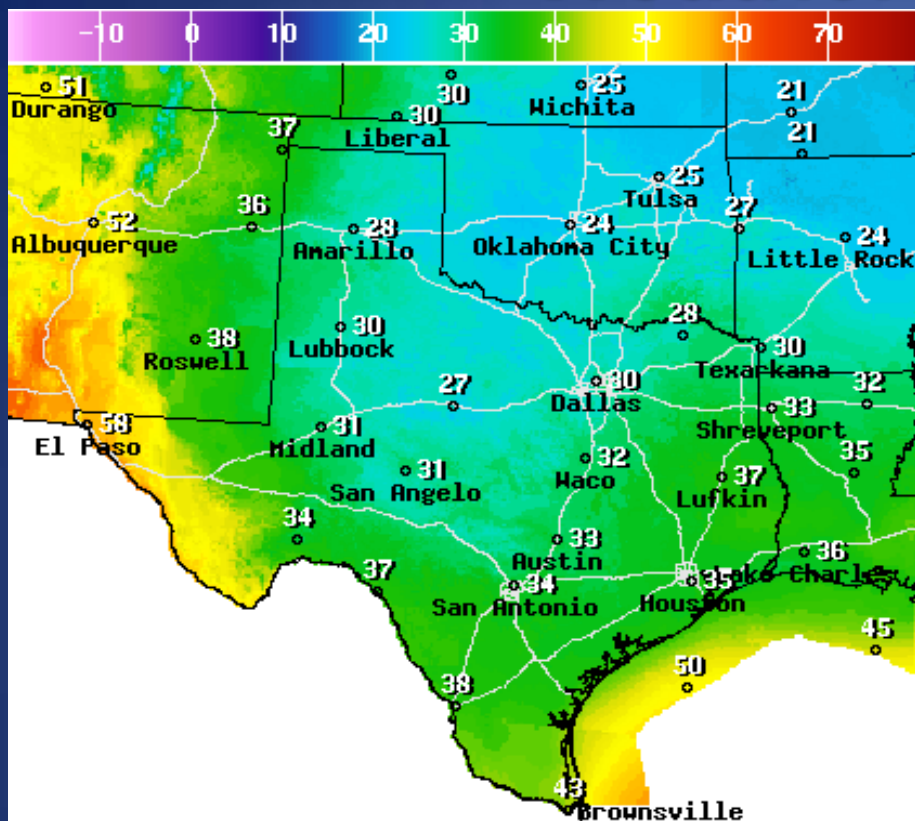
| DATE | EVENT / INCIDENT | LOCATION (City/County) | Final Report: Y/N |
|----------|--|---------------------------|-------------------------|
| 01/01/18 | Amber Alert Continuation for Round Rock Police Department | Williamson County | N |

Informational Products

Distributed by the State Operations Center

| DATE | SUBJECT |
|----------|--|
| 01/01/18 | NWS Houston/Galveston- Public Information Statement- A Little Bit of Everything this December Across South East TX |
| 01/01/18 | NWS Houston/Galveston- Public Information Statement- Maintenance on College Station National Weather Radio (NWR) Transmitter Today |
| 01/01/18 | NWS El Paso- Weather Hazards for Monday January 1, 2018 |
| 01/01/18 | NWS Houston/Galveston- Public Information Statement- Annual 2017 South East TX Regional Climate Summary |
| 01/01/18 | NWS Houston/Galveston- Public Information Statement- College Station National Weather Radio (NWR) Transmitter Maintenance Complete |
| 01/01/18 | NWS Austin/San Antonio- Monday Morning Winter Weather Update |
| 01/02/18 | FEMA Region 6 Daily Situation Awareness Brief |
| 01/02/18 | Daily NWS Threat Brief for Tuesday, January 2, 2018 for FEMA Region 6 |

Weather Forecast



High Temperature(F) Ending Tue Jan 02 2018 7PM EST
(Wed Jan 03 2018 00Z)



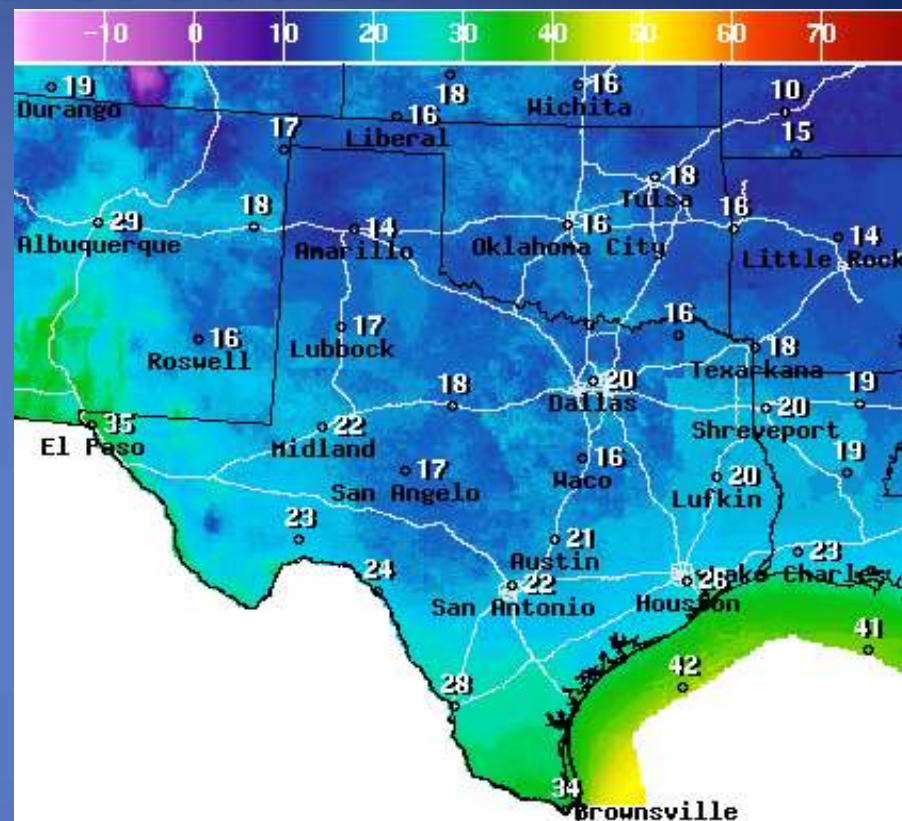
National Digital Forecast Database

06z issuance

Graphic created-Jan 02 1:30AM EST



Highs



Temperature(F) For Wed Jan 03 2018 4AM EST
(Wed Jan 03 2018 09Z)



National Digital Forecast Database

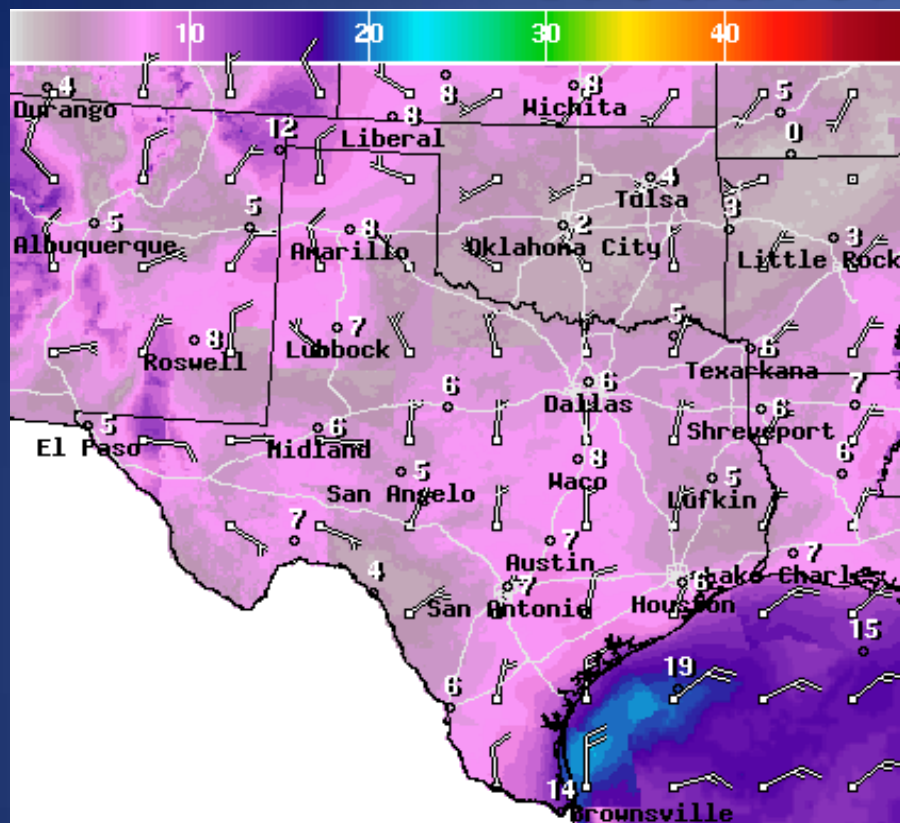
06z issuance

Graphic created-Jan 02 1:30AM EST



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Tue Jan 02 2018 4PM EST

(Tue Jan 02 2018 21Z)



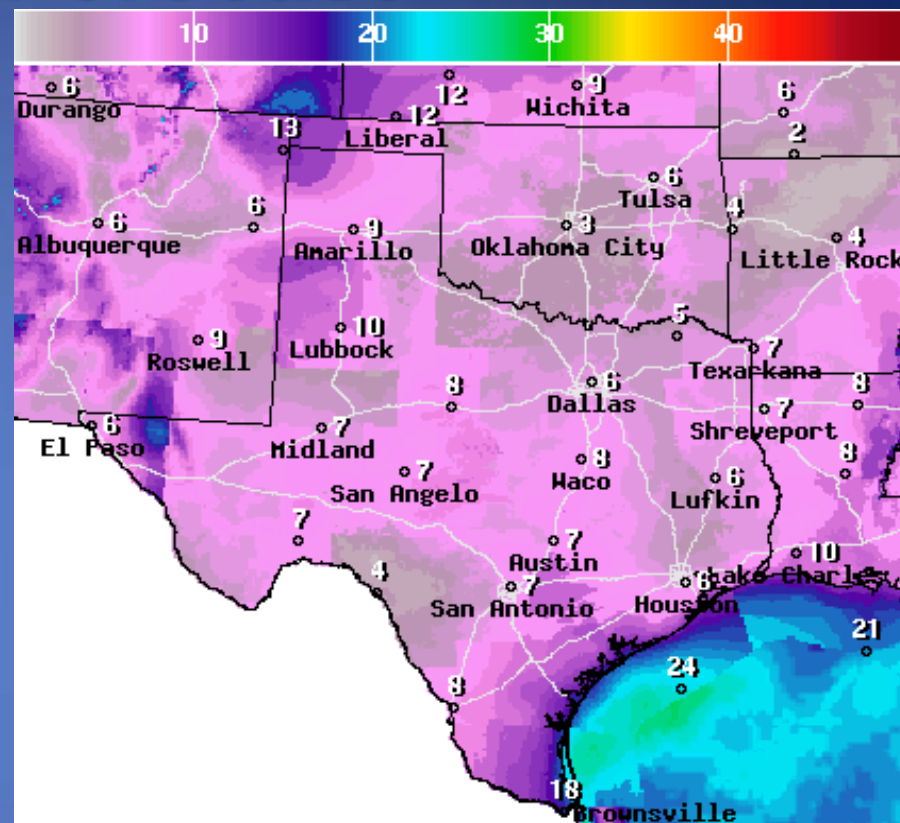
National Digital Forecast Database

06z issuance

Graphic created-Jan 02 1:37AM EST



Wind Speeds



Wind Gust(Kts) Tue Jan 02 2018 4PM EST

(Tue Jan 02 2018 21Z)



National Digital Forecast Database

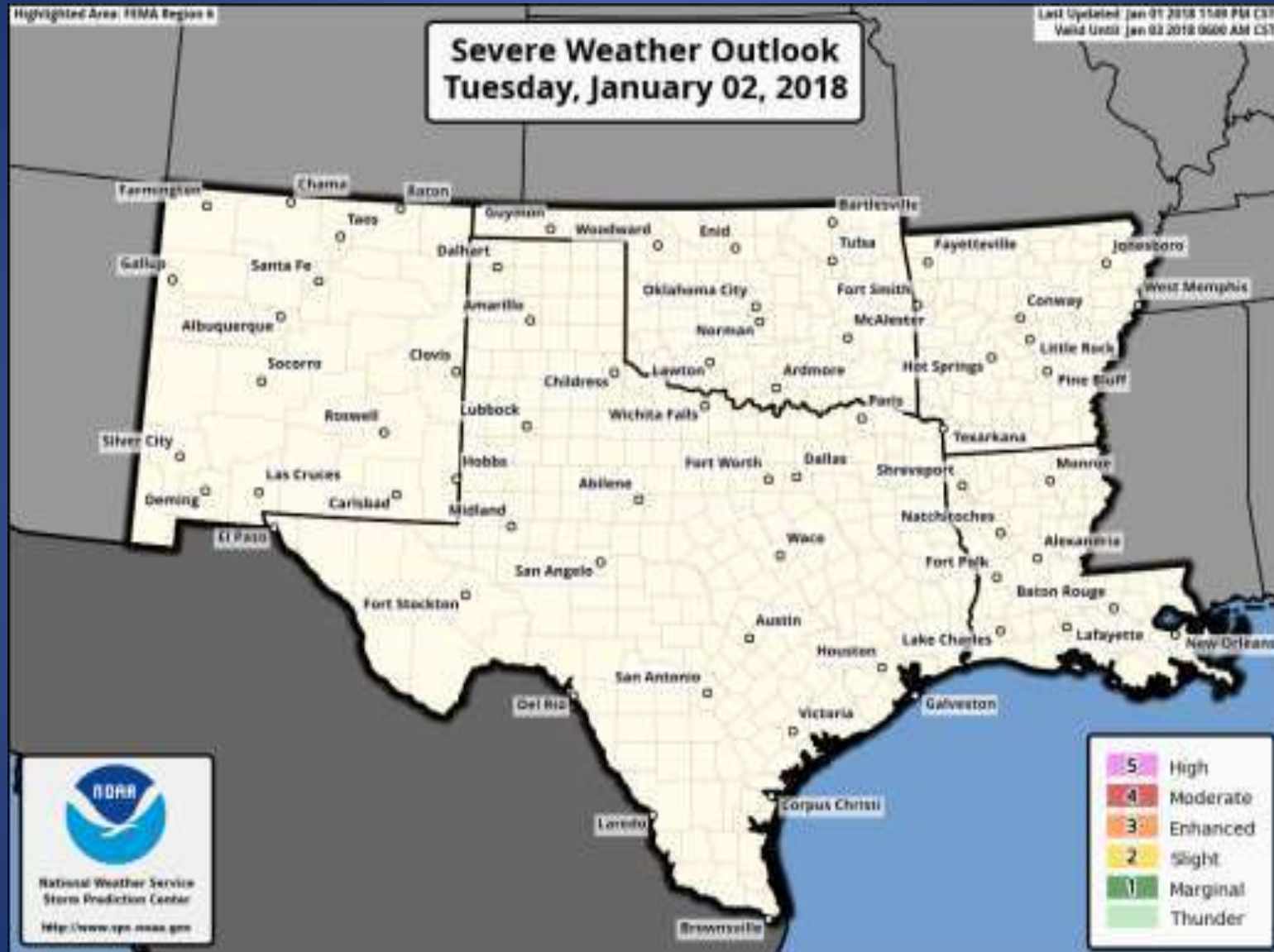
05z issuance

Graphic created-Jan 02 12:48AM EST



Gusts

Hazardous Weather



Hazardous Weather

Cold Again Today

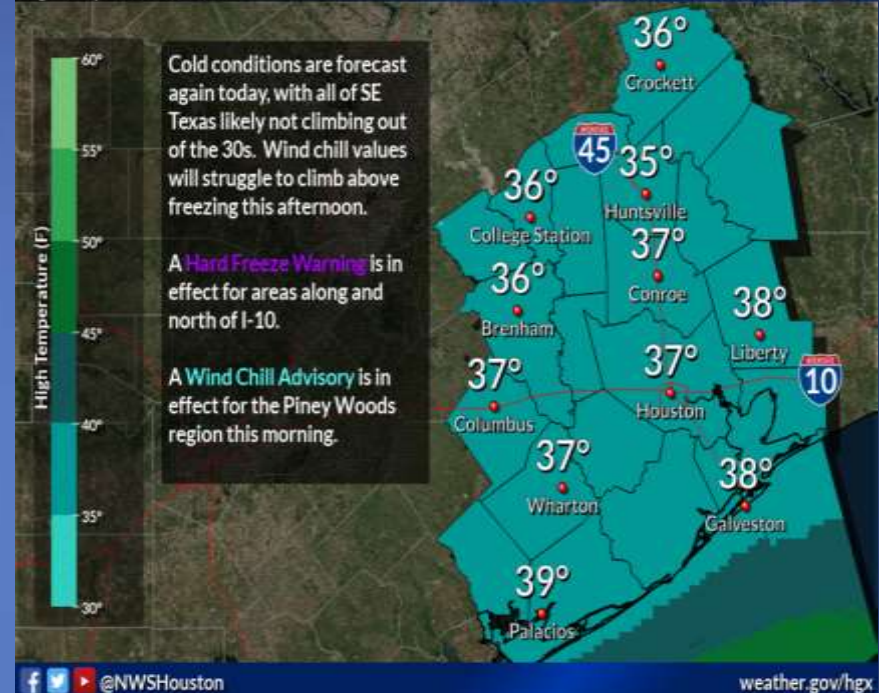
Temperatures still below freezing east of the Pecos.



It will be cold again today with highs remaining below freezing across locations east of the Pecos River. Temperatures will be warmer farther west with highs from the upper 30s to mid 50s.

Today - Cold Again

High Temperature Forecast



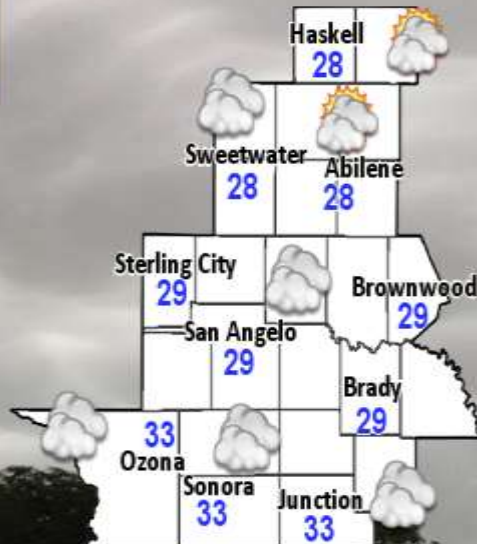
Cold conditions are forecast again today, with all of Southeast Texas likely not climbing out of the 30s. Wind chill values will struggle to climb above freezing this afternoon. A Hard Freeze Warning is in effect for areas along and north of Interstate 10. A Wind Chill Advisory is in effect for the Piney Woods region this morning.

Hazardous Weather

Cold-Clouds Linger

Afternoon Highs

Mostly cloudy through early afternoon, with decreasing clouds by mid to late afternoon.



National Weather Service San Angelo, TX Updated: Jan 02 8:42AM

Cloud cover will linger for a good portion of the day, with decreasing clouds late. It will be cold, with highs mainly in the upper 20s, with some lower 30s along the I-10 corridor.

Very Cold Again Tonight

Overnight Lows

Clear and very cold again tonight.

Light and variable winds.



National Weather Service San Angelo, TX Updated: Jan 02 8:42AM

Temperatures will be very cold again tonight with clear skies and light winds.

Hazardous Weather

Today

Cloudy and Cold

Weather Forecast Office
Fort Worth, TX
Issued Jan 02, 2018 4:12 AM CST



It'll be another cold one today with plentiful low cloud cover. High temperatures will only be in the mid 20s to lower 30s across the region. A light north wind will make it feel like it's in the 20s everywhere. A few flurries can't be ruled out later this evening north and east of the Metroplex, but no accumulations are expected.

Tonight

Becoming clear. Cold.

Weather Forecast Office
Fort Worth, TX
Issued Jan 02, 2018 4:45 AM CST



Another cold night is in store tonight as clouds clear out and winds become light. Lows will be in the teens to near 20 degrees. While winds will be light, wind chill values will still dip into the single digits and teens across the region tonight.

Hazardous Weather



Cloudy skies will hold in very cold temperatures for one more day as the Hard Freeze Warning continues into early Wednesday. Highs will only reach the 30s with many locations of the Hill Country failing to warm to above freezing. Some clearing is expected by early this evening, which will lead to tonight having the coldest minimum temperatures so far this winter season.



Hard Freeze Warning through Noon Wednesday.

Hazardous Weather

Wind Chill Advisory Until 9 AM

- From 8 PM this evening until 9 AM CST Tuesday morning
- Wind Chills as low as -5 to -10 degrees F
- Frost bite and hypothermia can occur if precautions are not taken



A Wind Chill Advisory is in effect starting 8 PM this evening through 9 AM Tuesday morning for the western and central Texas and Oklahoma Panhandles. Please ensure you bundle up if you plan to venture outside tonight.



Wind Chill Advisory – until 9 am



National Weather Service – Lubbock, Texas

Counties included in the Advisory shaded in purple



What

- single digit temperatures
- 10 mph breezes
- wind chills from -5 to -10

Timing

- until 9 am this morning

Impacts

- Exposure of 30 minutes can lead to frost bite and hypothermia

Did you know?

Wind Chill computations are based on heat transfer models using a human face

More information on Wind Chill at:

http://www.nws.noaa.gov/om/cold/wind_chill.shtml

www.weather.gov/lubbock

A Wind Chill Advisory remains in effect until 9 am this morning from the central South Plains northward. Wind speeds around 10 mph combined with temperatures in the single digits were causing wind chill levels from minus 5 to minus 10 degrees F.

Hazardous Weather



Freeze Warnings

This Morning and Tonight

Impacts:

- ❑ This Morning: Low temperatures around 25°-31° most areas.
- ❑ Tonight: Low temperatures 23°-30°
- ❑ Shelter for Pets should be provided
- ❑ Outdoor plants will need to be brought in or covered
- ❑ Another Freeze Possible Wednesday Night

Issued at 4:51 AM - January 2, 2018



Freezing temperatures are occurring this morning and will occur once again tonight. Lows this morning are generally in the upper 20s and lower 30s. Tonight lows could drop into the mid 20s for some inland locations.



Wind Chill Advisory

This morning and Tonight

Impacts:

- ❑ Today: Through noon
- ❑ 10pm tonight through 10am Wednesday
- ❑ Wind Chill values 15-25 degrees
- ❑ Frost bite and hypothermia can occur if precautions are not taken. Make sure to wear a hat and gloves.

Issued at 4:49 AM - January 2, 2018



Very cold wind chills continue in the coastal bend and eastern Brush Country this morning and will occur once again tonight. Expect wind chill values of 15 to 25 degrees.

Hazardous Weather



Tonight

Very Cold with Patchy Light Sleet During the Evening East



- ☐ Freezing temperatures over all of South Texas
- ☐ Temperatures falling into the 20s.
- ☐ Patchy light sleet possible mainly near the Coast during the evening

Patchy light sleet possible mainly near the Coast this evening. Very cold conditions expected tonight with temperatures falling into the 20s. Wind Chill Advisory conditions expected over the Coastal Bend and Victoria Crossroads.



Cold Today w/ Coastal Light Rain or Drizzle Possible

Tuesday, January 2, 2018



Another cold, cloudy day is expected across deep south Texas with a chance for light rain or drizzle on the coast. Temperatures will only peak in the upper 30s in the northern ranchlands and in the low 40s across the valley. Wind chill readings will trend in the low to middle 30s today. Mariners can expect moderate north winds of around 15 to 20 knots today with choppy bay waters and seas of 5 to 8 feet on the gulf waters from 0 to 60 nm out. A Small Craft Advisory continues across the gulf waters from 0 to 60 nm out through today and into tonight. Small craft should exercise caution today on the Laguna Madre.

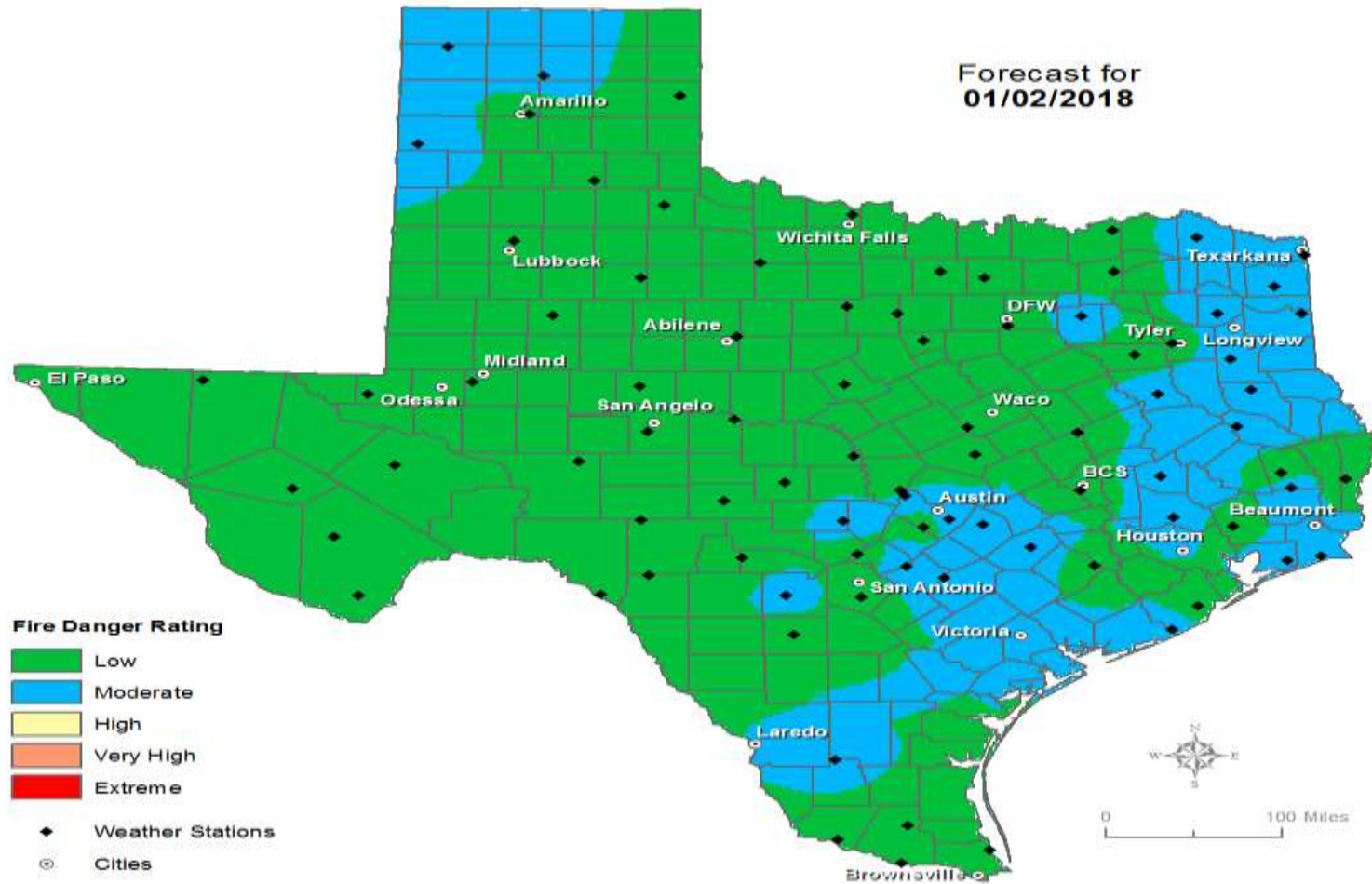
Weather Warning/Advisories Issued

| DATE | WARNING TYPE | LOCATION |
|----------|---------------------------------------|---|
| 01/01/18 | Hard Freeze Warning Remains in Effect | Jasper and Newton Counties |
| 01/01/18 | Freeze Warning Remains in Effect | Brooks, Cameron, Hidalgo, Jim Hogg, Kenedy, Starr, Willacy and Zapata Counties |
| 01/01/18 | Freeze Warning | Aransas, Bee, Calhoun, Duval, Goliad, Jim Wells, Kleberg, La Salle, Live Oak, McMullen, Nueces, Refugio, San Patricio, Victoria and Webb Counties |
| 01/02/18 | Hard Freeze Warning Remains in Effect | Central Texas |
| 01/02/18 | Hard Freeze Warning | Angelina, Austin, Bowie, Brazos, Burleson, Camp, Cass, Chambers, Cherokee, Colorado, Fort Bend, Franklin, Gregg, Grimes, Harris, Harrison, Houston, Liberty, Madison, Marion, Montgomery, Morris, Nacogdoches, Panola, Polk, Red River, Rusk, Sabine, San Augustine, San Jacinto, Shelby, Smith, Titus, Trinity, Upshur, Walker, Waller, Washington and Wood Counties |

Fire Danger Forecast

Forecast Fire Danger

Forecast for
01/02/2018



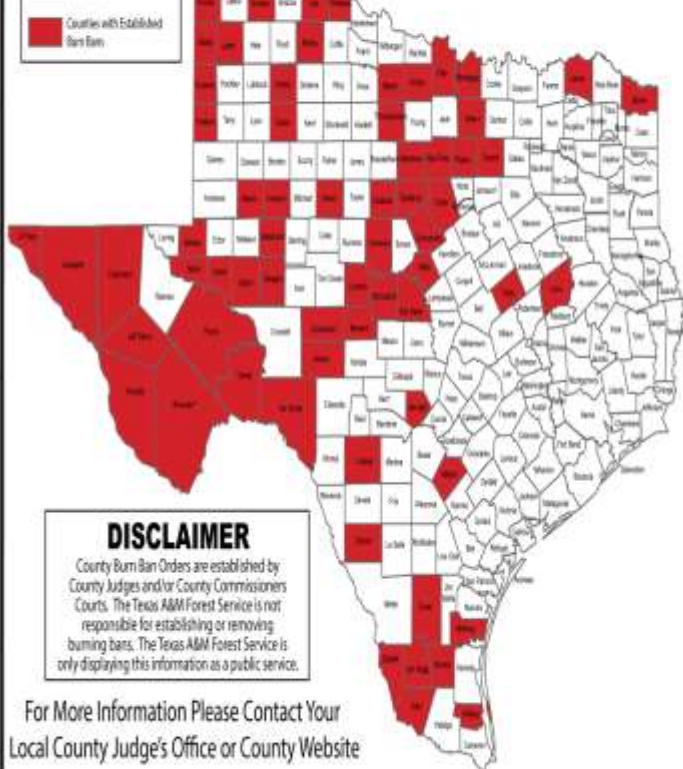
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

January 02, 2018



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfs.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 80

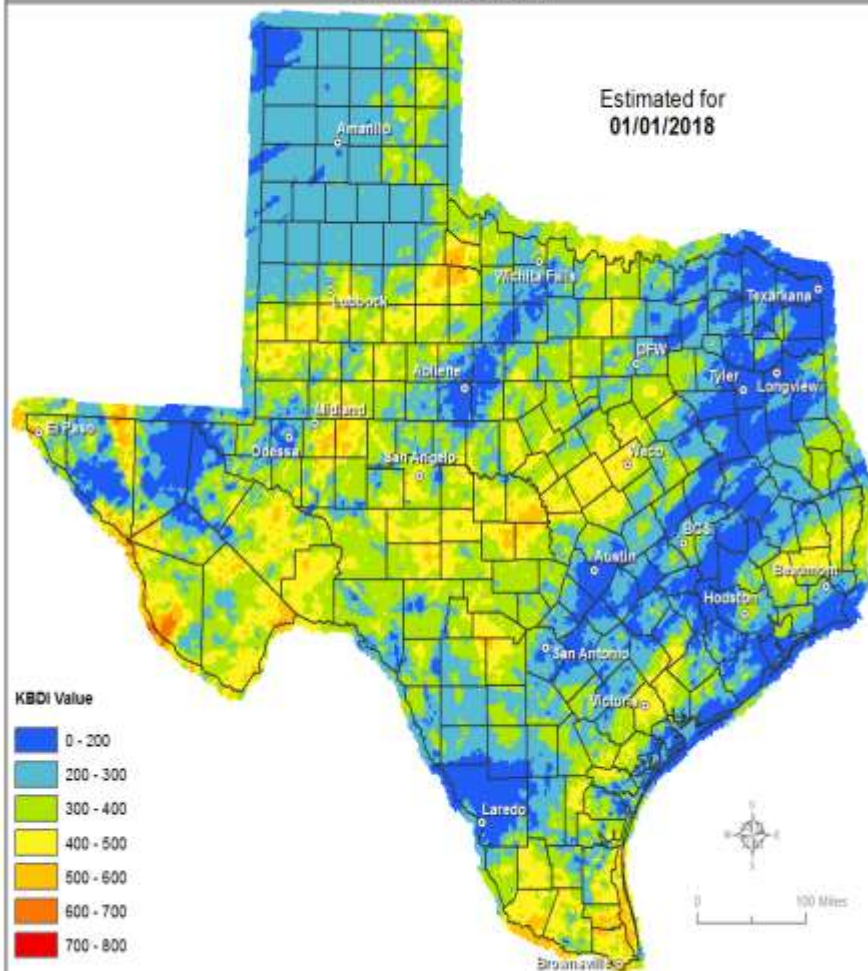
Archer
Armstrong
Bailey
Baylor*
Bowie
Brewster
Brooks
Callahan
Carson
Childress
Clay
Cochran
Coleman
Collingsworth
Comanche
Concho
Cottle
Crosby
Culberson
Deaf Smith
Dimit
Donal
Eastland
El Paso
Erath
Falls
Garza
Glasscock
Gray
Hall
Hemphill
Howard
Hudspeth
Hutchinson
Jeff Davis
Jim Hogg
Kerrill
Kleberg
Lamar
Lamb
Leon
Martin
McCulloch
Menard
Mills
Montague
Moore
Motley
Nolan
Oldham

* Burn Ban in effect during a Red Flag Warning day
* Burn Ban in effect check with County for specifics

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
01/01/2018



KBDI Value

0 - 200
200 - 300
300 - 400
400 - 500
500 - 600
600 - 700
700 - 800

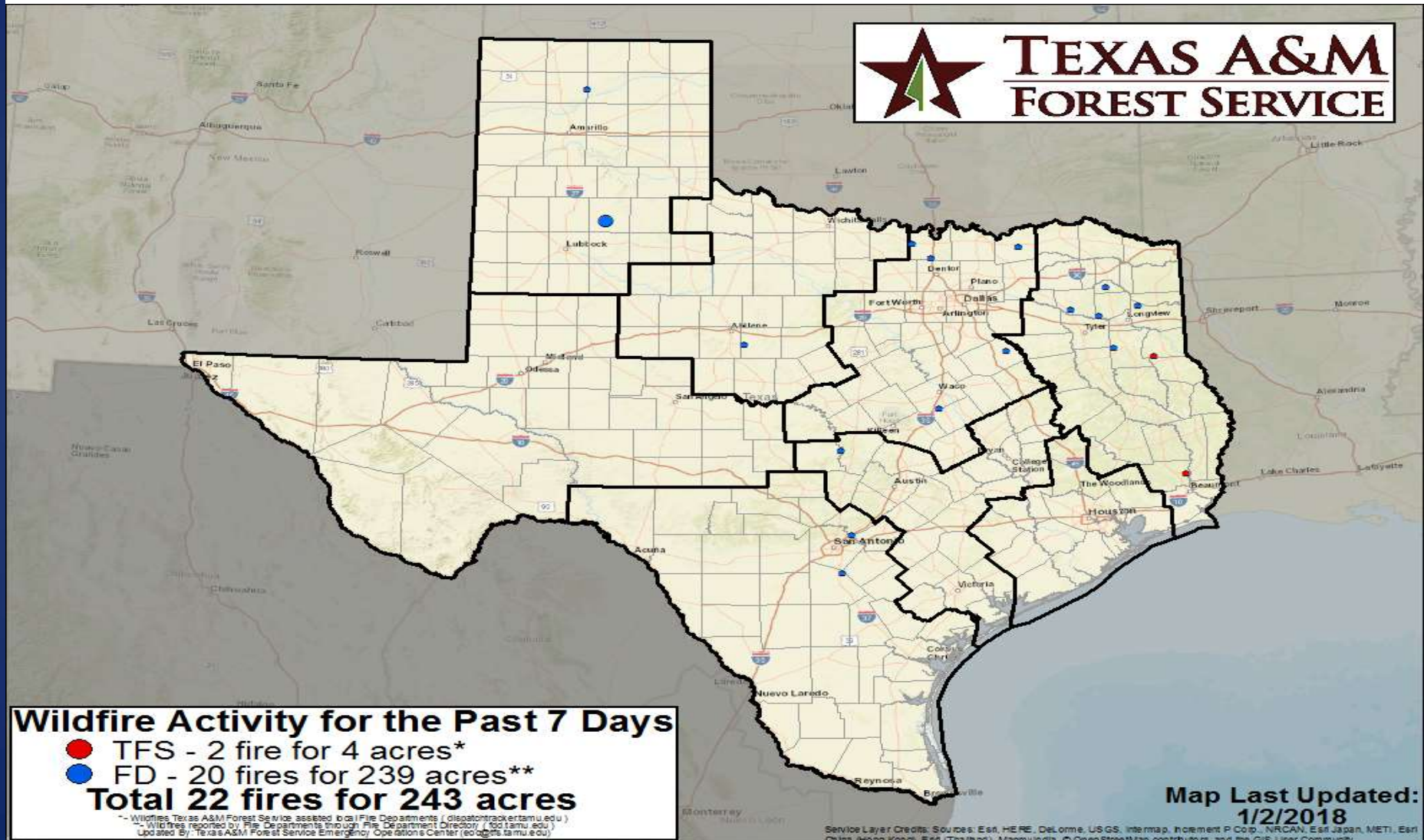
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 884 (+1) fires and 664,393 (+1) acres destroyed this year. There are 86 (no change) counties with burn bans. The Keetch-Byram Drought Index list 29 (+2) counties with an average over 400.



Exercises

| DATE(S) | | AGENCY/LOCATION | EXERCISE |
|----------|----------|-----------------|---|
| 01/01/18 | 01/28/18 | USCG/Houston | CPOD 2018 Central Point Dispensing Tabletop Exercise |